

**IN THE CLAIMS:**

Please cancel claims 1-6 and 9-14 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claims 7 and 8, and add new claims 15 and 16 as follows:

**LISTING OF CURRENT CLAIMS**

Claims 1-6. (Canceled)

Claim 7. (Currently Amended) The anti-bacteria, anti-virus, and anti-fungus composition according to claim ~~4~~, 15, which is formulated as a spray, aerosol, and a film.

Claim 8. (Currently Amended) The anti-bacteria, anti-virus, and anti-fungus composition according to claim ~~4~~, 15, which is used in household, vehicle, hospital, school, restaurant, hotel, internet coffee shop for applying to filter of air-conditioner, tap, stool, interior of elevator and its keyboard, and for applying to human beings.

Claims 9-14. (Canceled)

Claim 15. (New) An anti-bacteria, anti-virus, and anti-fungus composition, which includes the following ingredients:

(A) a metal ionic compound having a catalytic function, which has a general formula  $M^{+a}X^{-b}$ , in which M is a metal element selected from the group consisting of Ni, Co, Mg, Mn, Cr, Ca, Fe, Cu, Ti, Al, Sb, Sn, Pb, Zn, Pt, Pd, Os, Ru, Cd, Rh, and Ir, or M is  $NH_4$ ; X is an anionic group selected from the group consisting of fluoride, chloride, bromide, iodide, nitrate, sulfate, sulfite, acetate, oxalate, carboxylate, succinate, phosphate, pyrophosphate, perchlorate, gluconate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; a is an integer of from 1 to 6; and b is an integer of from 1 to 6;

(B) an ionic compound having a general formula NX, in which N is an element selected from the group consisting of Li, Na, and K; X is an anion group selected

from the group consisting of fluoride, chloride, bromide, iodide, sulfite, acetate, succinate, pyrophosphate, perchlorate, gluconate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; and

(C) an additive having a general formula  $RY_z$ , in which R is an element selected from the group consisting of Li, Na, K, Mg, Ca, and Zn; Y is selected from the group consisting of chloride, nitrate, sulfate, carboxylate, carbonate, bicarbonate, phosphate, dihydrogen phosphate, hydrogen phosphate, and oxalate; and z is one or two,

wherein the weight ratio of ingredients (A):(B):(C) is 1: 10-50: 1500-3000, and a composition in which (A) is copper gluconate and magnesium sulfate, (B) is lithium chloride, and (C) is sodium bicarbonate is excluded.

Claim 16. (New) A method for producing an anti-bacteria, anti-virus, and anti-fungus composition, which comprises the step of mixing the following ingredients:

(A) a metal ionic compound having a catalytic function, which has a general formula  $M^{+a}X^{-b}$ , in which M is a metal element selected from the group consisting of Ni, Co, Mg, Mn, Cr, Ca, Fe, Cu, Ti, Al, Sb, Sn, Pb, Zn, Pt, Pd, Os, Ru, Cd, Rh, and Ir, or M is  $NH_4$ ; X is an anionic group selected from the group consisting of fluoride, chloride, bromide, iodide, nitrate, sulfate, sulfite, acetate, oxalate, carboxylate, succinate, phosphate, pyrophosphate, perchlorate, gluconate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; a is an integer of from 1 to 6; and b is an integer of from 1 to 6;

(B) an ionic compound having a general formula  $NX$ , in which N is an element selected from the group consisting of Li, Na, and K; X is an anion group selected from the group consisting of fluoride, chloride, bromide, iodide, sulfite, acetate, succinate, pyrophosphate, perchlorate, gluconate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; and

(C) an additive having a general formula  $RY_z$ , in which R is an element selected from the group consisting of Li, Na, K, Mg, Ca, and Zn; Y is selected from the group consisting of chloride, nitrate, sulfate, carboxylate, carbonate, bicarbonate,

20 phosphate, dihydrogen phosphate, hydrogen phosphate, and oxalate; and z is one or two,

wherein the weight ratio of ingredients (A):(B):(C) is 1: 10-50: 1500-3000, and a composition in which (A) is copper gluconate and magnesium sulfate, (B) is lithium chloride, and (C) is sodium bicarbonate is excluded.